



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 5

Test Date: March 2009  
Code: 12601772  
SAU: MSAD 67  
School: Mattanawcook Jr High School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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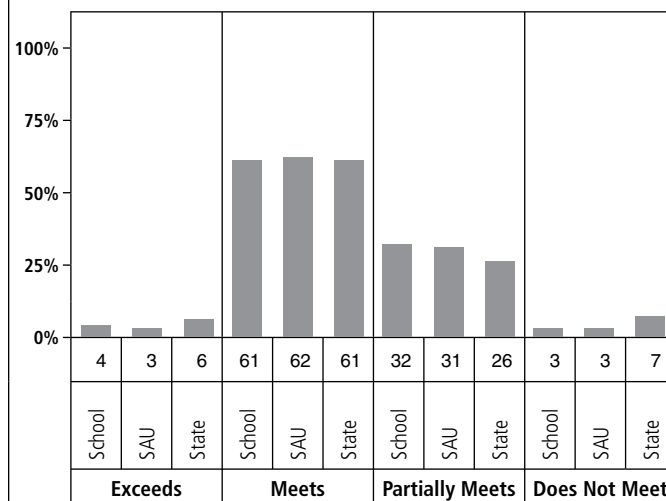
# SUMMARY OF SCORES

Test Date: March 2009  
Grade: 5  
SAU: MSAD 67  
School: Mattanawcook Jr High School

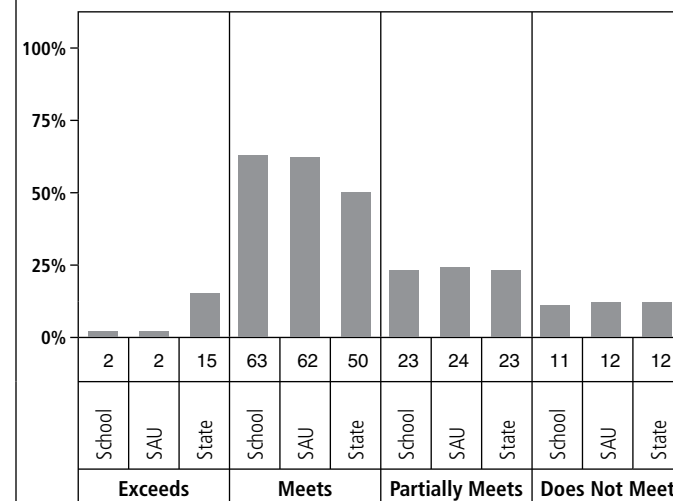
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2006–2007	548	548	544
2007–2008	547	547	545
<b>2008–2009</b>	<b>546</b>	<b>546</b>	<b>546</b>
Cum. Avg.*	547	547	545
<b>Mathematics</b>			
2006–2007	546	545	546
2007–2008	547	547	546
<b>2008–2009</b>	<b>544</b>	<b>544</b>	<b>547</b>
Cum. Avg.*	546	545	546
<b>Science</b>			
<b>2008–2009 **</b>	<b>545</b>	<b>544</b>	<b>543</b>

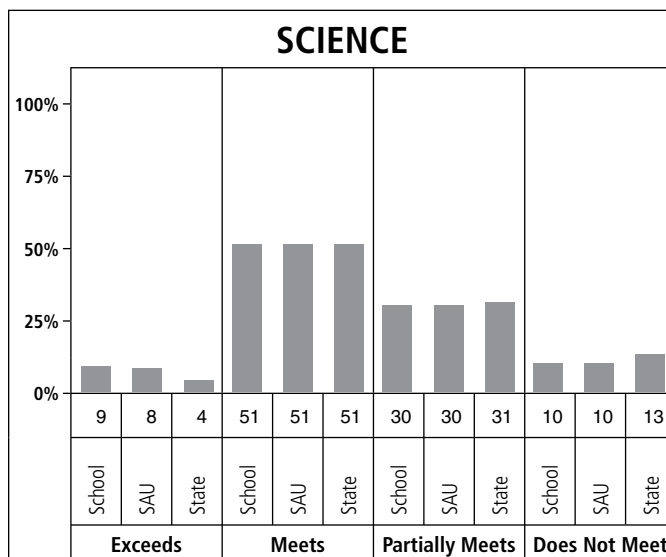
### ELA – READING



### MATHEMATICS



### SCIENCE



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

\*\*Because science testing moved from grade 4 to grade 5 in March 2009, science standards were reset and therefore no historical data are available.

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
Grade: 5  
SAU: MSAD 67  
School: Mattanawcook Jr High School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
							ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Total number of students</b>	94	100	88	100	14212	100	94	100	88	100	14135	100	94	100	88	100	14144	100	94	100	88	100	14137	100
<b>Ethnicity</b> African American/Black	3	3	3	3	397	3	3	100	3	100	388	98	3	100	3	100	393	99	3	100	3	100	389	98
American Indian or Native Alaskan	1	1	1	1	110	1	1	100	1	100	110	100	1	100	1	100	110	100	1	100	1	100	110	100
Asian or Pacific Islander	1	1	1	1	259	2	1	100	1	100	253	98	1	100	1	100	258	100	1	100	1	100	257	99
Hispanic	0	0	0	0	175	1	0	0	0	0	172	99	0	0	0	0	172	99	0	0	0	0	173	99
Caucasian/White	89	95	83	94	13271	93	89	100	83	100	13212	100	89	100	83	100	13211	100	89	100	83	100	13208	100
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Identified disability</b>	21	22	19	22	2479	17	21	100	19	100	2454	100	21	100	19	100	2455	100	21	100	19	100	2451	99
<b>Current LEP</b>	0	0	0	0	374	3	0	0	0	0	359	96	0	0	0	0	370	99	0	0	0	0	366	98
<b>Economically disadvantaged</b>	56	60	53	60	5848	41	56	100	53	100	5815	100	56	100	53	100	5819	100	56	100	53	100	5812	100
<b>Migrant</b>	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100	0	0	0	0	8	100

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	58	62	55	63	10849	76	58	62	55	63	10872	76	58	62	55	63	10976	77
Identified disability (PET/IEP)	0	0	0	0	298	3	0	0	0	0	307	3	0	0	0	0	338	3
LEP	0	0	0	0	170	2	0	0	0	0	169	2	0	0	0	0	177	2
504 plan	0	0	0	0	123	1	0	0	0	0	121	1	0	0	0	0	126	1
<b>Participation with accommodations</b>	34	36	31	35	3122	22	32	34	30	34	3124	22	34	36	31	35	3019	21
Identified disability (PET/IEP)	19	56	17	55	1992	64	17	53	16	53	2000	64	19	56	17	55	1971	65
LEP	0	0	0	0	184	6	0	0	0	0	196	6	0	0	0	0	184	6
504 plan	1	3	1	3	84	3	1	3	1	3	86	3	1	3	1	3	81	3
Other	14	41	13	42	907	29	14	44	13	43	886	28	14	41	13	42	826	27
<b>Participation through alternate assessment (PAAP)</b>	2	2	2	2	164	1	4	4	3	3	148	1	2	2	2	2	142	1
Identified disability (PET/IEP)	2	100	2	100	164	100	4	100	3	100	148	100	2	100	2	100	142	100
LEP	0	0	0	0	5	3	0	0	0	0	5	3	0	0	0	0	5	4
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	19	0	0	0	0	0	19	0	0	0	0	0	20	0
<b>Non-participation – other</b>	0	0	0	0	58	0	0	0	0	0	49	0	0	0	0	0	55	0

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 5  
SAU: MSAD 67  
School: Mattanawcook Jr High School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 562–580)	2006-2007	6	8	6	8	702	5
	2007-2008	9	10	9	10	659	5
	<b>2008-2009</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>836</b>	<b>6</b>
	Cum. Total*	19	7	18	7	2197	5
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 542–560)	2006-2007	55	69	51	67	7730	55
	2007-2008	60	66	58	66	8195	58
	<b>2008-2009</b>	<b>56</b>	<b>61</b>	<b>53</b>	<b>62</b>	<b>8495</b>	<b>61</b>
	Cum. Total*	171	65	162	65	24420	58
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 532–540)	2006-2007	14	18	14	18	4182	30
	2007-2008	17	19	16	18	3800	27
	<b>2008-2009</b>	<b>29</b>	<b>32</b>	<b>27</b>	<b>31</b>	<b>3667</b>	<b>26</b>
	Cum. Total*	60	23	57	23	11649	28
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 500–530)	2006-2007	5	6	5	7	1419	10
	2007-2008	5	5	5	6	1362	10
	<b>2008-2009</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>973</b>	<b>7</b>
	Cum. Total*	13	5	13	5	3754	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	48	100	31.2	65.0	31.1	64.8	30.8	64.2
A1/A2 Interconnected Elements/Literary Text	24	50	15.1	62.9	15.1	62.9	15.0	62.5
A1/A3 Interconnected Elements/Informational Text	24	50	16.0	66.7	16.0	66.7	15.8	65.8

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.



# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 5  
 SAU: MSAD 67  
 School: Mattanawcook Jr High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	92	4	4	56	61	29	32	3	3	546	86	3	62	31	3	546	13971	6	61	26	7	546
<b>Ethnicity</b>																						
African American/Black	2										2						381	2	44	31	23	540
American Indian or Native Alaskan	1										1						110	0	48	38	14	541
Asian or Pacific Islander	1										1						252	11	58	21	11	547
Hispanic	0										0						166	4	54	32	10	543
Caucasian/White	88	4	5	54	61	27	31	3	3	546	82	4	62	30	4	546	13062	6	62	26	6	546
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	19	0	0	7	37	11	58	1	5	540	17	0	41	53	6	540	2290	0	29	47	23	537
No	73	4	5	49	67	18	25	2	3	548	69	4	67	26	3	547	11681	7	67	22	4	548
<b>Current LEP</b>																						
Yes	0										0						354	1	35	34	30	538
No	92	4	4	56	61	29	32	3	3	546	86	3	62	31	3	546	13617	6	61	26	6	546
<b>Economically disadvantaged</b>																						
Yes	55	0	0	32	58	20	36	3	5	544	52	0	60	35	6	544	5716	2	51	35	12	542
No	37	4	11	24	65	9	24	0	0	550	34	9	65	26	0	549	8255	9	67	20	4	548
<b>Migrant</b>																						
Yes	0										0						8	0	38	25	38	538
No	92	4	4	56	61	29	32	3	3	546	86	3	62	31	3	546	13963	6	61	26	7	546
<b>Gender</b>																						
Female	46	2	4	30	65	11	24	3	7	547	45	4	64	24	7	547	6882	8	62	24	6	547
Male	46	2	4	26	57	18	39	0	0	546	41	2	59	39	0	545	7089	4	60	28	8	545
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	32	0	0	16	50	14	44	2	6	543	31	0	48	45	6	543	1914	1	41	44	14	540
No	60	4	7	40	67	15	25	1	2	548	55	5	69	24	2	548	12057	7	64	23	6	547
<b>Gifted/talented program</b>																						
Yes	0										0						450	26	72	2	0	557
No	92	4	4	56	61	29	32	3	3	546	86	3	62	31	3	546	13521	5	60	27	7	545

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 5  
SAU: MSAD 67  
School: Mattanawcook Jr High School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	5	0	0	3	60	2	40	0	0	543	6	0	60	40	0	543	4	2	40	34	24	540
B. less than one hour	82	3	4	47	63	23	31	2	3	546	80	3	64	30	3	546	70	6	63	26	6	546
C. one to two hours	9	1	13	3	38	4	50	0	0	546	9	13	38	50	0	546	24	7	61	26	6	546
D. more than two hours	4	0	0	3	75	0	0	1	25	544	5	0	75	0	25	544	2	4	42	33	21	541
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																						
A. very good	28	2	8	16	62	8	31	0	0	548	29	8	64	28	0	549	36	10	67	18	5	549
B. good	43	2	5	24	60	13	33	1	3	546	43	3	59	35	3	545	47	5	62	27	6	546
C. fair	21	0	0	12	63	5	26	2	11	544	21	0	67	22	11	545	15	2	47	40	12	541
D. poor	8	0	0	4	57	3	43	0	0	543	7	0	50	50	0	542	2	0	30	46	24	537
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																						
A. The questions on the test match what I have learned in reading class.	36	2	6	23	70	7	21	1	3	548	36	6	71	19	3	548	31	9	65	20	5	548
B. They match some of what I have learned.	56	2	4	30	59	17	33	2	4	546	56	2	60	33	4	545	55	5	63	27	5	546
C. They match just a little of what I have learned.	5	0	0	3	60	2	40	0	0	546	5	0	50	50	0	546	10	3	45	38	14	542
D. There is no match.	2	0	0	0	0	2	100	0	0	537	2	0	0	100	0	537	3	1	31	41	27	537
<b>How difficult was the reading part of this test?</b>																						
A. more difficult than my regular schoolwork	15	0	0	8	57	5	36	1	7	544	15	0	62	31	8	544	16	3	49	32	15	542
B. about the same as my regular schoolwork	70	3	5	40	63	19	30	2	3	547	70	3	63	30	3	546	64	7	63	25	5	547
C. easier than my regular schoolwork	15	1	7	8	57	5	36	0	0	546	15	8	54	38	0	546	20	5	62	26	7	546
<b>How difficult were the reading passages on this test?</b>																						
A. Most of the passages were more difficult than what I normally read.	14	0	0	8	62	4	31	1	8	543	15	0	62	31	8	543	10	1	33	42	24	538
B. Most of the passages were about the same as what I normally read.	62	2	4	36	63	18	32	1	2	546	59	2	65	31	2	546	52	4	61	29	6	545
C. Most of the passages were easier than what I normally read.	24	2	9	12	55	7	32	1	5	548	26	9	55	32	5	548	38	10	68	18	4	549
<b>How much time do you spend reading at home each day?</b>																						
A. more than one hour	13	2	17	6	50	4	33	0	0	551	13	18	45	36	0	550	20	10	64	21	5	548
B. 20 minutes to an hour	40	2	5	22	59	13	35	0	0	546	40	3	65	32	0	546	56	7	65	24	5	547
C. less than 20 minutes	17	0	0	10	63	5	31	1	6	545	19	0	63	31	6	545	10	3	52	33	12	543
D. I rarely read at home.	29	0	0	18	67	7	26	2	7	545	29	0	64	28	8	545	14	1	46	38	14	541
<b>How many pages do you read in school and to complete homework assignments?</b>																						
A. five or fewer pages	26	1	4	15	63	8	33	0	0	546	26	5	59	36	0	546	25	3	53	33	11	543
B. six to ten pages	29	1	4	15	58	8	31	2	8	546	28	4	58	29	8	546	26	6	61	26	7	546
C. eleven or more pages	45	2	5	26	63	12	29	1	2	546	46	3	67	28	3	546	49	8	65	23	5	547
<b>Optional school/SAU question</b>																						
A.	17	0	0	1	50	1	50	0	0	543	17	0	50	50	0	543						
B.	33	0	0	0	0	4	100	0	0	537	33	0	0	100	0	537						
C.	50	0	0	1	17	4	67	1	17	538	50	0	17	67	17	538						
D.	0										0											

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 5  
SAU: MSAD 67  
School: Mattanawcook Jr High School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 562–580)	2006-2007	3	4	2	3	1711	12
	2007-2008	9	10	9	10	1617	12
	<b>2008-2009</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2119</b>	<b>15</b>
	Cum. Total*	14	5	13	5	5447	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 542–560)	2006-2007	51	64	48	63	6778	48
	2007-2008	53	58	50	57	7284	52
	<b>2008-2009</b>	<b>57</b>	<b>63</b>	<b>53</b>	<b>62</b>	<b>7046</b>	<b>50</b>
	Cum. Total*	161	62	151	61	21108	50
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 530–540)	2006-2007	22	28	22	29	3884	28
	2007-2008	22	24	22	25	3341	24
	<b>2008-2009</b>	<b>21</b>	<b>23</b>	<b>20</b>	<b>24</b>	<b>3193</b>	<b>23</b>
	Cum. Total*	65	25	64	26	10418	25
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 500–528)	2006-2007	4	5	4	5	1683	12
	2007-2008	7	8	7	8	1778	13
	<b>2008-2009</b>	<b>10</b>	<b>11</b>	<b>10</b>	<b>12</b>	<b>1638</b>	<b>12</b>
	Cum. Total*	21	8	21	8	5099	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>48</b>	<b>100</b>	23.8	49.6	23.7	49.4	25.5	53.1
<b>A. Number</b>	<b>18</b>	<b>38</b>	8.9	49.4	8.8	48.9	9.8	54.4
<b>B. Data</b>	<b>10</b>	<b>21</b>	5.1	51.0	5.1	51.0	5.2	52.0
<b>C. Geometry</b>	<b>10</b>	<b>21</b>	4.7	47.0	4.7	47.0	4.7	47.0
<b>D. Algebra</b>	<b>10</b>	<b>21</b>	5.0	50.0	5.0	50.0	5.7	57.0

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 5  
 SAU: MSAD 67  
 School: Mattanawcook Jr High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	90	2	2	57	63	21	23	10	11	544	85	2	62	24	12	544	13996	15	50	23	12	547
<b>Ethnicity</b>																						
African American/Black	1										1						385	6	35	28	30	537
American Indian or Native Alaskan	1										1						110	5	42	34	20	540
Asian or Pacific Islander	1										1						257	19	50	20	12	548
Hispanic	0										0						166	9	43	31	17	543
Caucasian/White	87	2	2	55	63	20	23	10	11	544	82	2	62	23	12	544	13078	15	51	23	11	547
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	17	0	0	6	35	5	29	6	35	535	16	0	31	31	38	535	2307	3	32	32	33	536
No	73	2	3	51	70	16	22	4	5	546	69	3	70	22	6	546	11689	17	54	21	8	549
<b>Current LEP</b>																						
Yes	0										0						365	5	33	30	32	536
No	90	2	2	57	63	21	23	10	11	544	85	2	62	24	12	544	13631	15	51	23	11	547
<b>Economically disadvantaged</b>																						
Yes	54	1	2	28	52	16	30	9	17	541	52	2	50	31	17	541	5731	7	46	29	18	542
No	36	1	3	29	81	5	14	1	3	549	33	3	82	12	3	549	8265	21	53	19	7	550
<b>Migrant</b>																						
Yes	0										0						8	0	38	50	13	540
No	90	2	2	57	63	21	23	10	11	544	85	2	62	24	12	544	13988	15	50	23	12	547
<b>Gender</b>																						
Female	46	2	4	30	65	10	22	4	9	546	45	4	64	22	9	546	6889	14	51	23	12	546
Male	44	0	0	27	61	11	25	6	14	542	40	0	60	25	15	542	7107	16	50	23	11	547
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	32	0	0	16	50	13	41	3	9	541	31	0	52	39	10	541	1918	3	39	36	22	539
No	58	2	3	41	71	8	14	7	12	546	54	4	69	15	13	546	12078	17	52	21	10	548
<b>Gifted/talented program</b>																						
Yes	0										0						450	64	34	2	0	564
No	90	2	2	57	63	21	23	10	11	544	85	2	62	24	12	544	13546	14	51	23	12	546

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 5  
SAU: MSAD 67  
School: Mattanawcook Jr High School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	6	0	0	3	60	1	20	1	20	543	6	0	60	20	20	543	4	8	38	26	28	539
B. less than one hour	81	2	3	48	66	18	25	5	7	545	80	3	65	25	7	545	70	15	52	23	10	547
C. one to two hours	9	0	0	4	50	2	25	2	25	538	9	0	50	25	25	538	24	15	51	23	11	547
D. more than two hours	4	0	0	2	50	0	0	2	50	540	5	0	50	0	50	540	2	9	37	24	30	539
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	33	1	3	21	72	4	14	3	10	545	31	4	69	15	12	544	34	28	50	14	8	552
B. good	44	1	3	24	62	13	33	1	3	546	46	3	63	32	3	546	45	11	54	24	10	546
C. fair	18	0	0	10	63	3	19	3	19	542	18	0	60	20	20	542	18	3	45	33	19	540
D. poor	5	0	0	1	25	0	0	3	75	532	5	0	25	0	75	532	3	1	29	41	29	535
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	40	0	0	24	67	5	14	7	19	542	41	0	66	14	20	541	38	22	52	19	7	550
B. They match some of what I have learned.	57	2	4	33	65	15	29	1	2	547	55	4	64	30	2	547	48	12	53	24	11	546
C. They match just a little of what I have learned.	2	0	0	0	0	1	50	1	50	528	2	0	0	50	50	528	11	6	40	30	24	540
D. There is no match.	1	0	0	0	0	0	0	1	100	528	1	0	0	0	100	528	3	6	26	29	38	534
<b>How difficult was the mathematics part of this test?</b>																						
A. more difficult than my regular schoolwork	16	0	0	6	43	3	21	5	36	537	14	0	33	25	42	535	17	7	42	30	21	540
B. about the same as my regular schoolwork	64	2	3	38	66	14	24	4	7	546	65	4	65	24	7	546	64	15	53	23	10	547
C. easier than my regular schoolwork	20	0	0	13	72	4	22	1	6	544	21	0	72	22	6	544	19	24	49	17	10	550
<b>On average, how many minutes a day do you spend working on mathematics in class?</b>																						
A. less than 30 minutes	2	0	0	1	50	1	50	0	0	542	2	0	50	50	0	542	7	6	39	27	27	539
B. 30–45 minutes	24	1	5	15	71	3	14	2	10	547	24	5	70	15	10	547	28	9	49	28	15	544
C. 45–60 minutes	46	1	2	25	61	9	22	6	15	544	48	3	60	23	15	543	41	17	53	21	9	548
D. more than 60 minutes	28	0	0	16	64	7	28	2	8	543	26	0	64	27	9	543	24	21	51	20	8	549
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	4	0	0	1	25	2	50	1	25	538	4	0	0	67	33	533	6	14	43	24	20	543
B. two or three days a week	26	1	4	12	52	7	30	3	13	543	27	4	52	30	13	543	24	17	52	21	10	548
C. two or three times each month	32	1	3	21	72	3	10	4	14	545	32	4	70	11	15	545	33	17	52	21	9	548
D. never or almost never	38	0	0	23	68	9	26	2	6	545	38	0	69	25	6	545	38	12	49	25	14	545
<b>How often do you use hands-on materials in mathematics class?</b>																						
A. almost every day	31	0	0	11	39	11	39	6	21	539	32	0	41	37	22	538	23	13	47	26	15	545
B. two or three days a week	35	0	0	23	74	6	19	2	6	547	33	0	71	21	7	546	31	17	52	21	10	548
C. two or three times each month	20	2	11	14	78	2	11	0	0	550	20	12	76	12	0	550	27	17	52	21	10	548
D. never or almost never	13	0	0	8	67	2	17	2	17	542	14	0	67	17	17	542	20	12	50	24	14	545
<b>Optional school/SAU question</b>																						
A.	17	0	0	1	50	1	50	0	0	548	17	0	50	50	0	548						
B.	33	0	0	0	0	3	75	1	25	528	33	0	0	75	25	528						
C.	50	0	0	4	67	1	17	1	17	541	50	0	67	17	17	541						
D.	0										0											

# SCIENCE RESULTS

Test Date: March 2009  
Grade: 5  
SAU: MSAD 67  
School: Mattanawcook Jr High School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 562–580)	2008-2009*	8	9	7	8	626	4
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 542–560)	2008-2009*	47	51	44	51	7187	51
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 532–540)	2008-2009*	28	30	26	30	4364	31
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 500–530)	2008-2009*	9	10	9	10	1818	13

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Science Total Points</b>	48	100	30.0	62.5	29.8	62.1	29.2	60.8
<b>D. The Physical Setting</b>	24	50	13.3	55.4	13.2	55.0	12.9	53.8
<b>E. The Living Environment</b>	24	50	16.7	69.6	16.6	69.2	16.3	67.9

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting  
D1 - Universe and Solar System  
D2 - Earth  
D3 - Matter and Energy  
D4 - Force and Motion

Content Standard E. The Living Environment  
E1 - Biodiversity  
E2 - Ecosystems  
E3 - Cells  
E4 - Heredity and Reproduction  
E5 - Evolution

# SCIENCE RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 5  
 SAU: MSAD 67  
 School: Mattanawcook Jr High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	92	8	9	47	51	28	30	9	10	545	86	8	51	30	10	544	13995	4	51	31	13	543
<b>Ethnicity</b>																						
African American/Black	2										2						382	2	31	32	35	535
American Indian or Native Alaskan	1										1						110	3	36	35	26	538
Asian or Pacific Islander	1										1						256	5	51	27	17	542
Hispanic	0										0						167	1	40	37	22	539
Caucasian/White	88	7	8	45	51	27	31	9	10	544	82	7	51	30	11	544	13080	5	52	31	12	544
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	19	0	0	10	53	7	37	2	11	541	17	0	53	35	12	541	2309	2	29	39	29	536
No	73	8	11	37	51	21	29	7	10	546	69	10	51	29	10	545	11686	5	56	30	10	545
<b>Current LEP</b>																						
Yes	0										0						361	1	23	32	44	533
No	92	8	9	47	51	28	30	9	10	545	86	8	51	30	10	544	13634	5	52	31	12	544
<b>Economically disadvantaged</b>																						
Yes	55	3	5	28	51	16	29	8	15	542	52	4	52	29	15	542	5729	2	42	37	20	539
No	37	5	14	19	51	12	32	1	3	548	34	15	50	32	3	548	8266	6	58	27	8	546
<b>Migrant</b>																						
Yes	0										0						8	0	25	13	63	530
No	92	8	9	47	51	28	30	9	10	545	86	8	51	30	10	544	13987	4	51	31	13	543
<b>Gender</b>																						
Female	46	5	11	21	46	13	28	7	15	544	45	9	47	29	16	543	6886	4	49	33	14	542
Male	46	3	7	26	57	15	33	2	4	546	41	7	56	32	5	546	7109	5	54	29	12	544
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	32	0	0	13	41	13	41	6	19	539	31	0	39	42	19	538	1917	1	31	41	28	536
No	60	8	13	34	57	15	25	3	5	548	55	13	58	24	5	548	12078	5	55	30	11	544
<b>Gifted/talented program</b>																						
Yes	0										0						450	25	72	2	1	557
No	92	8	9	47	51	28	30	9	10	545	86	8	51	30	10	544	13545	4	51	32	13	543

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# SCIENCE RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 5  
SAU: MSAD 67  
School: Mattanawcook Jr High School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	5	1	20	2	40	2	40	0	0	546	6	20	40	40	0	546	4	2	37	35	25	538
B. less than one hour	82	5	7	42	56	20	27	8	11	545	80	6	57	26	12	545	70	4	53	31	12	544
C. one to two hours	9	1	13	2	25	4	50	1	13	541	9	13	25	50	13	541	24	5	51	31	12	544
D. more than two hours	4	1	25	1	25	2	50	0	0	546	5	25	25	50	0	546	2	4	39	31	26	539
<b>Which of the following best describes how you rate yourself as a student in science?</b>																						
A. very good	33	3	10	17	57	9	30	1	3	548	31	11	56	30	4	548	26	7	56	26	11	545
B. good	52	5	10	21	44	14	29	8	17	543	52	9	44	29	18	542	53	4	53	31	11	544
C. fair	12	0	0	7	64	4	36	0	0	545	13	0	64	36	0	545	18	2	41	39	17	540
D. poor	3	0	0	2	67	1	33	0	0	545	3	0	67	33	0	545	3	1	33	36	30	536
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about science?</b>																						
A. The questions on the test match what I have learned in science class.	37	5	15	16	47	9	26	4	12	547	37	16	47	25	13	547	23	5	56	28	11	544
B. They match some of what I have learned.	58	3	6	28	53	17	32	5	9	544	57	4	53	33	10	543	48	5	52	31	12	544
C. They match just a little of what I have learned.	5	0	0	3	60	2	40	0	0	543	6	0	60	40	0	543	23	4	49	33	14	543
D. There is no match.	0										0						6	3	40	34	23	539
<b>How difficult was the science part of this test?</b>																						
A. more difficult than my regular schoolwork	16	1	7	8	53	5	33	1	7	543	15	0	62	31	8	542	23	5	48	31	16	543
B. about the same as my regular schoolwork	58	4	8	28	53	16	30	5	9	544	58	8	51	31	10	544	58	4	52	32	12	543
C. easier than my regular schoolwork	25	3	13	11	48	6	26	3	13	547	27	13	48	26	13	547	19	6	53	29	11	544
<b>How often do you have science classes?</b>																						
A. every day	58	6	11	28	53	14	26	5	9	546	56	10	54	25	10	546	33	5	51	31	14	543
B. a few times a week	39	2	6	18	50	12	33	4	11	544	41	6	49	34	11	543	45	4	52	32	11	544
C. once a week	2	0	0	1	50	1	50	0	0	540	2	0	50	50	0	540	8	4	50	30	16	542
D. a few times a month	1	0	0	0	0	1	100	0	0	538	1	0	0	100	0	538	15	4	52	30	14	543
<b>Which statement best describes how you learn science?</b>																						
A. I mostly read a textbook and answer questions, and/or take notes and do assignments. I use science kits for demonstrations and experiments.	9	0	0	2	25	4	50	2	25	537	9	0	25	50	25	537	30	3	48	35	14	542
B. I work in groups to design and conduct experiments.	38	1	3	18	51	11	31	5	14	541	40	3	53	29	15	541	23	2	43	37	18	540
C. I do a combination of A and B, mostly A.	20	1	6	7	39	10	56	0	0	543	17	0	40	60	0	541	27	6	58	26	9	546
D. I do a combination of A and B, mostly B.	34	6	19	20	65	3	10	2	6	553	34	21	62	10	7	552	21	6	58	27	10	545
<b>How often do you make observations and collect data in science class?</b>																						
A. a few times a week	63	4	7	31	53	18	31	5	9	544	64	7	53	31	9	544	47	4	51	32	12	543
B. a few times a month	27	4	16	14	56	5	20	2	8	548	26	14	59	18	9	548	27	5	54	30	11	544
C. once a month	3	0	0	1	33	1	33	1	33	540	3	0	33	33	33	540	10	5	49	30	15	543
D. never or almost never	7	0	0	1	17	4	67	1	17	537	7	0	17	67	17	537	15	3	48	32	16	542
<b>How often do you use observations and data to support your idea about science?</b>																						
A. a few times a week	61	5	9	29	52	15	27	7	13	544	63	9	52	26	13	544	46	4	52	32	12	543
B. a few times a month	28	3	12	14	54	8	31	1	4	547	27	9	57	30	4	547	28	5	53	30	12	544
C. once a month	7	0	0	3	50	3	50	0	0	544	6	0	40	60	0	543	11	4	47	34	15	542
D. never or almost never	4	0	0	1	25	2	50	1	25	538	5	0	25	50	25	538	15	4	50	30	16	542
<b>Optional school/SAU question</b>																						
A.	17	0	0	2	100	0	0	0	0	547	17	0	100	0	0	547						
B.	33	0	0	2	50	1	25	1	25	537	33	0	50	25	25	537						
C.	50	0	0	4	67	2	33	0	0	542	50	0	67	33	0	542						
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards  
N = Number